



Fatty acids for alkyd resins

Univar supplies a wide range of fatty acids – from short oil to long oil – that meet the exacting demands of alkyd resin curing requirements. With strong business partnerships with major oleochemical manufacturers around the globe, Univar provides one-stop access to a consistent and steady flow of products that meet your specifications.

Natural. Renewable. Sustainable.



Univar products sold into the alkyd resin market under the Chemical Associates' brand include:

- Coconut fatty acids
- Dimers
- Glycerin
- Linoleic acid
- Soya fatty acids
- Sunflower fatty acid
- Tall oil fatty acids

Our tall oil fatty acids are available in a wide range of rosin acid contents. From low rosin acid for waterborne architectural coatings to high rosin acid for traditional solvent-borne coatings in architectural and industrial applications, we have the right products to meet your needs.

Fatty acid product specifications

Product	Description	Iodine value	Color gardner	Acid value	UNSAF value Typ	Titer deg C	Rosin acid %	Typical % conjugation
Tall oil fatty acids								
CA0401	Tall oil fatty acid, < 1.5% rosin		4 max	192 min	2		1.5 max	
CA0403	Tall oil fatty acid, < 2% rosin	127 min	4 max	190 min	2		2 max	
CA0405	Tall oil fatty acid, < 4% rosin	127 min	5 max	190 min	2.5		4 max	
Polyunsaturated fatty acids								
CAI700	Soya fatty acid	125 – 145	3 max	195-205		15 – 25		
CAI702	Soya fatty acid	133 min	3 max	195 min		15 – 23		
CAI723	High IV tall oil fatty acid	140 – 155	5+ max	187 min	3 max	-15 Typ		10% conjugated
CAI726	Linoleic acid	–	4 max	190 min	3 max		2 max	9% conjugated
CAI740	Sunflower fatty acid	130 – 144	3 max	198 – 202	2 max			
Coconut fatty acids - chain terminators								
CAI402	Low IV whole coco fatty acid	12 max	3 max	258 – 276		21 – 27		
CAI406	Low IV white coco fatty acid	1 max	1 max	270 – 276		23 – 27		

Product applications		Architectural Coatings				Industrial OEM coatings				
		Waterborne		Solvent-borne		Vehicle	Appliance	Metal Bldg	Machinery	Electrical
Product	Description	Interior	Exterior	Interior	Exterior					
CA0401	Tall oil fatty acid < 1.5% rosin	●	●	●	●		●	●		
CA0403	Tall oil fatty acid < 2% rosin	●	●	●	●		●	●		
CA0405	Tall oil fatty acid < 4% rosin	●	●	●	●		●	●		
CAI700	Soya fatty acid			●	●		●	●	●	●
CAI702	Soya fatty acid			●	●	●	●	●	●	●
CAI723	High IV tall oil fatty acid				●	●	●	●	●	●
CAI740	Sunflower fatty acid				●	●	●	●	●	●
CAI402	Low IV whole coco fatty acid									
CAI406	Low IV white coco fatty acid									

Product applications		Specialty coatings					
		Int. maint.	Ext. maint.	Traffic	Auto refin.	Marine	Aerosol
Product	Description						
CA0401	Tall oil fatty acid < 1.5% rosin	●				●	
CA0403	Tall oil fatty acid < 2% rosin	●				●	
CA0405	Tall oil fatty acid < 4% rosin	●				●	
CAI700	Soya fatty acid		●		●	●	
CAI702	Soya fatty acid		●	●	●	●	
CAI723	High IV tall oil fatty acid		●	●	●	●	
CAI740	Sunflower fatty acid		●	●	●	●	
CAI402	Low IV whole coco fatty acid	●	●				●
CAI406	Low IV white coco fatty acid	●	●				●

Industrial market applications

Univar's soya fatty acids are especially suited for industrial markets, including water dispersible alkyd resins and modified alkyd resins. In addition, we offer sunflower fatty acids for these applications.

From aerosols to styrene acrylic modified alkyd resins, we have the products to meet the changing demands of the dynamic alkyd resin market.



The Univar difference

Univar, through our Chemical Associates division, is a leading marketer, manufacturer and distributor of a full line of fatty acids and derivatives based on renewable and sustainable resources. We offer extensive expertise in custom blending and packaging of oleochemicals for use as critical building blocks in formulated products across a wide variety of industries and applications, including surfactants, paints and coatings, oilfield chemicals, lubricants and greases, rubber compounding, plastics, metalworking fluids and personal care products.

Univar operates one of the most extensive global sourcing and distribution networks in the world. In the U.S., our network includes more than 90 facilities strategically located to provide fast turnaround and local service. Through our scale, geographic reach, and diversified distribution channels, customers can gain a competitive advantage from enhanced growth and cost-savings opportunities.

About Univar

Founded in 1924, Univar is a global distributor of specialty and basic chemicals from more than 8,000 producers worldwide. Univar operates more than 800 distribution facilities throughout North America, Western Europe, the Asia-Pacific region, and Latin America, supported by a global network of sales and technical professionals. With a broad portfolio of products and value-added services, and deep technical and market expertise, Univar delivers the tailored solutions customers need through one of the most extensive chemical distribution networks in the world. Univar is Chemistry DeliveredSM.

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